



RECEIVED  
DEC 18 2002  
TECH CENTER 1600/2900

PTO/SB/23 (28-00)

Approved for use through 10/31/02. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

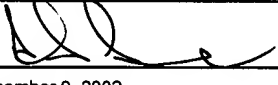
Application Number	09/887,933
Filing Date	22 June 2001
First Named Inventor	Robert Patrick HOF
Group Art Unit	1621
Examiner Name	S. Kumar
Attorney Docket No.	246152014800

Total Number Of Pages In This Submission

## ENCLOSURES (check all that apply)

- |  |   |   |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form                             | <input type="checkbox"/> Assignment Papers                                | <input type="checkbox"/> After Allowance Communication to Group                                       |
| <input type="checkbox"/> Fee Attached  | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences                   |
| <input type="checkbox"/> Amendment / Reply   | <input type="checkbox"/> Licensing-related Papers                         | <input checked="" type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input checked="" type="checkbox"/> After Final                                      | <input type="checkbox"/> Petition   | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declarations                                     | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Status Letter  |
| <input checked="" type="checkbox"/> Extension of Time Request                        | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):                       |
| <input type="checkbox"/> Express Abandonment Request                                 | <input type="checkbox"/> Terminal Disclaimer                              | <input checked="" type="checkbox"/> Return Postcard   |
| <input type="checkbox"/> Information Disclosure Statement, PTO Form 1449, References | <input type="checkbox"/> Request for Refund                               | <input type="checkbox"/>  |
| <input type="checkbox"/> Certified Copy of Priority Document(s)                      | <input type="checkbox"/> CD, Number of CD(s) _____                        | <input type="checkbox"/>  |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application           | Remarks   |   |
| <input type="checkbox"/> Response to Missing Parts under 37 C.F.R. 1.52 or 1.53      |   |   |

## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

Firm or Individual Name	for Kate H. Murashige Reg. No. 29,959 Morrison & Foerster LLP 3811 Valley Centre Drive, Suite 500, San Diego, California 92130
Signature	 (50,128)
Date	December 9, 2002

## CERTIFICATE OF MAILING BY "FIRST CLASS MAIL"

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, Box AF, on December 9, 2002.

  
Tami M. Procopio

Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Issue Fee, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL  
FOR FY 2002**

Patent fees are subject to annual revision.

Complete if Known

**RECEIVED**

Application Number	09/887,933
Filing Date	22 June 2001 <b>DEC 18 2002</b>
First Named Inventor	Robert Patrick HOF, et al <b>TECH CENTER 1600/2900</b>
Examiner Name	S. Kumar
Group Art Unit	1621
Attorney Docket No.	246152014800

TOTAL AMOUNT OF PAYMENT

(\$ 610.00

METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																									
<b>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:</b> Deposit Account Number: <b>03-1952</b> Deposit Account Name: <b>Morrison &amp; Foerster LLP</b> <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 <b>2. <input type="checkbox"/> Payment Enclosed:</b> <input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		<b>3. ADDITIONAL FEES</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td>320</td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions of the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Petitions related to provisional applications</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per properties (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="4">Other fee (specify) 2 month extension fee less the 1 month extension fee paid 10/24/02.</td> <td>290.00</td> </tr> <tr> <td colspan="4"><b>SUBTOTAL (3)</b></td> <td><b>(\$ 610.00)</b></td> </tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal	320	120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions of the Commissioner		123	50	123	50	Petitions related to provisional applications		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per properties (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) 2 month extension fee less the 1 month extension fee paid 10/24/02.				290.00	<b>SUBTOTAL (3)</b>				<b>(\$ 610.00)</b>
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																						
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																							
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																							
139	130	139	130	Non-English specification																																																																																																																																																																																							
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																							
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																							
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																							
115	110	215	55	Extension for reply within first month																																																																																																																																																																																							
116	400	216	200	Extension for reply within second month																																																																																																																																																																																							
117	920	217	460	Extension for reply within third month																																																																																																																																																																																							
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																							
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																							
119	320	219	160	Notice of Appeal	320																																																																																																																																																																																						
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																							
121	280	221	140	Request for oral hearing																																																																																																																																																																																							
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																							
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																							
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																							
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																							
143	460	243	230	Design issue fee																																																																																																																																																																																							
144	620	244	310	Plant issue fee																																																																																																																																																																																							
122	130	122	130	Petitions of the Commissioner																																																																																																																																																																																							
123	50	123	50	Petitions related to provisional applications																																																																																																																																																																																							
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																							
581	40	581	40	Recording each patent assignment per properties (times number of properties)																																																																																																																																																																																							
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																							
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																							
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																							
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																							
Other fee (specify) 2 month extension fee less the 1 month extension fee paid 10/24/02.				290.00																																																																																																																																																																																							
<b>SUBTOTAL (3)</b>				<b>(\$ 610.00)</b>																																																																																																																																																																																							
<b>1. BASIC FILING FEE</b> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr> <tr> <td colspan="4"><b>SUBTOTAL (1)</b></td> <td><b>(\$ 0)</b></td> </tr> </tbody> </table> <b>2. EXTRA CLAIM FEES</b> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>- 20** =</td> <td>*</td> <td>x</td> <td>= \$</td> </tr> <tr> <td>- 3** =</td> <td>*</td> <td>x</td> <td>= \$</td> </tr> <tr> <td colspan="4">Multiple Dependent = \$</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Large Fee Code</th> <th>Entity Fee (\$)</th> <th>Small Fee Code</th> <th>Entity Fee (\$)</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claims, if not paid</td><td></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>**Reissue independent claims over original patent</td><td></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>**Reissue claims in excess of 20 and over original patent</td><td></td></tr> <tr> <td colspan="4"><b>SUBTOTAL (2)</b></td> <td><b>(\$ 0)</b></td> </tr> </tbody> </table>		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	101	740	201	370	Utility filing fee		106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		<b>SUBTOTAL (1)</b>				<b>(\$ 0)</b>	Total Claims	Extra Claims	Fee from below	Fee Paid	- 20** =	*	x	= \$	- 3** =	*	x	= \$	Multiple Dependent = \$				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	103	18	203	9	Claims in excess of 20		102	84	202	42	Independent claims in excess of 3		104	280	204	140	Multiple dependent claims, if not paid		109	84	209	42	**Reissue independent claims over original patent		110	18	210	9	**Reissue claims in excess of 20 and over original patent		<b>SUBTOTAL (2)</b>				<b>(\$ 0)</b>	<b>WARNING:</b> Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.																																																																																							
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																						
101	740	201	370	Utility filing fee																																																																																																																																																																																							
106	330	206	165	Design filing fee																																																																																																																																																																																							
107	510	207	255	Plant filing fee																																																																																																																																																																																							
108	740	208	370	Reissue filing fee																																																																																																																																																																																							
114	160	214	80	Provisional filing fee																																																																																																																																																																																							
<b>SUBTOTAL (1)</b>				<b>(\$ 0)</b>																																																																																																																																																																																							
Total Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																								
- 20** =	*	x	= \$																																																																																																																																																																																								
- 3** =	*	x	= \$																																																																																																																																																																																								
Multiple Dependent = \$																																																																																																																																																																																											
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																																																						
103	18	203	9	Claims in excess of 20																																																																																																																																																																																							
102	84	202	42	Independent claims in excess of 3																																																																																																																																																																																							
104	280	204	140	Multiple dependent claims, if not paid																																																																																																																																																																																							
109	84	209	42	**Reissue independent claims over original patent																																																																																																																																																																																							
110	18	210	9	**Reissue claims in excess of 20 and over original patent																																																																																																																																																																																							
<b>SUBTOTAL (2)</b>				<b>(\$ 0)</b>																																																																																																																																																																																							

## SUBMITTED BY

Complete (if applicable)

Name (Print/Type) <b>Kate H. Murashige</b>	Registration No. (Attorney/Agent) <b>29,959</b>	Telephone <b>(858) 720-5112</b>
Signature <b>[Signature]</b>	Date <b>December 9, 2002</b>	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.